

ABSTRACT

5 A method, apparatus, and computer-readable media for recovering a symbol clock signal from an American Television Standards Committee (ATSC) digital television (DTV) signal comprises coherently downconverting the ATSC DTV signal to a baseband signal; delaying the baseband signal; multiplying the baseband signal and the delayed baseband signal; band-pass filtering the symbol clock signal; and generating the symbol clock signal based on the filtered baseband signal.